

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims.

Claims 1-25 (CANCELED)

26. (Previously presented) An oven comprising:

an oven cavity;

a fan compartment adjacent a wall of the oven cavity and housing a fan therein;

a combustion box located below the fan compartment and at least a portion of a wall separating the combustion box from the oven cavity not being insulated;

a tube-type gas burner located adjacent and parallel to a front wall of the combustion box, the front wall of the combustion box being proximate a front of the oven cavity;

a flue spout configured to provide fluid communication between the combustion box and an inlet portion of the fan compartment.

27. (Previously Presented) The oven of Claim 26, wherein a portion of the inlet portion is open to the oven cavity.

28. (Previously Presented) The oven of Claim 26, further comprising openings formed in a bottom wall of the oven separating the oven cavity from the combustion box.

29. (Previously Presented) The oven of Claim 26, wherein a bottom wall of the combustion box comprises a rearward upward slope.

30. (Previously Presented) The oven of Claim 26, wherein the combustion box comprises a plurality of air inlet holes.

31. (Previously Presented) The oven of Claim 26, wherein the flue spout covers substantially the entire inlet portion of the fan compartment.

32. (Previously Presented) The oven of Claim 26, wherein the flue spout covers at least half of the inlet portion of the fan compartment.

33. (Previously Presented) A multiple mode oven comprising an oven cavity and a combustion box, the oven cavity comprising an oven bottom wall, the combustion box being positioned under the oven bottom wall, a gas burner disposed within the combustion box, the oven cavity also comprising an oven back wall, a fan compartment being positioned substantially at a center of the back wall, a fan being positioned in the fan compartment, the fan compartment being defined in part by a

baffle plate, the baffle plate defining a fan inlet, a flue spout positioned between the oven cavity and the fan compartment, and openings being formed in the oven bottom wall such that the oven cavity and the combustion box are in direct fluid communication.

34. (Previously Presented) The multiple mode oven of Claim 33, wherein the fan inlet is positioned centrally in the baffle plate.
35. (Previously Presented) The multiple mode oven of Claim 33, wherein a portion of the oven back wall forms a portion of the fan compartment.
36. (Previously Presented) The multiple mode oven of Claim 33, wherein the fan compartment comprises multiple peripheral fan outlets.
37. (Previously Presented) The multiple mode oven of Claim 33, wherein the fan comprises a centrifugal fan.
38. (Previously Presented) The multiple mode oven of Claim 33, wherein the gas burner comprises a tube-type gas burner.
39. (Previously Presented) The multiple mode oven of Claim 38, wherein the tube-type gas burner comprises a longitudinal axis and the longitudinal axis extends generally parallel to the oven back wall.
40. (Previously Presented) The multiple mode oven of Claim 33, wherein the combustion box comprises a bottom wall having a portion that slopes upward in a rearward direction.
41. (Previously Presented) The multiple mode oven of Claim 33, wherein the combustion box comprises a plurality of primary combustion holes.
42. (Previously Presented) The multiple mode oven of Claim 41, wherein the primary combustion holes are positioned in a front side of the combustion box.
43. (Previously Presented) The multiple mode oven of Claim 41, wherein the combustion box further comprises a plurality of secondary combustion holes.
44. (Previously Presented) The multiple mode oven of Claim 43, wherein the secondary combustion holes are located in a bottom of the combustion box.
45. (Previously Presented) The multiple mode oven of Claim 33, wherein the flue spout comprises an upper portion that covers substantially the entire fan inlet.

46. (Previously Presented) The multiple mode oven of Claim 33, wherein the flue spout comprises an upper portion that covers substantially half of the fan inlet.
47. (Previously Presented) The multiple mode oven of Claim 33, wherein the combustion box is positioned substantially centrally under the oven bottom wall.
48. (Previously Presented) The multiple mode oven of Claim 33, wherein the flue spout comprises a solid front wall.
49. (Previously Presented) The multiple mode oven of Claim 33, wherein the oven cavity comprises at least one exhaust vent located near a bottom of the oven back wall.
50. (Previously Presented) The multiple mode oven of Claim 33, wherein the oven cavity does not comprise a fan compartment attached to a top wall.
51. (Previously Presented) The multiple mode oven of Claim 33, wherein the combustion box comprises primary air intake holes positioned below the gas burner.
52. (Previously Presented) The multiple mode oven of Claim 33, wherein the gas burner is positioned proximate a front of the multiple mode oven.
53. (Previously Presented) The multiple mode oven of Claim 33, wherein the openings in the oven bottom wall are generally covered by manifolds.
54. (Previously Presented) The multiple mode oven of Claim 53, wherein the manifolds comprise a top and a back.
55. (Previously Presented) The multiple mode oven of Claim 53, wherein the manifolds are open toward side walls of the oven cavity.
56. (Previously Presented) The multiple mode oven of Claim 33, wherein the openings in the oven bottom wall comprises a plurality of holes having shapes selected from the group consisting of circles, ellipses and rectangles.
57. (Previously Presented) The multiple mode oven of Claim 33 wherein the fan compartment is generally vertically centered on the oven back wall.
58. (Previously Presented) The multiple mode oven of Claim 33, wherein the fan compartment is generally horizontally centered on the oven back wall.
59. (Previously Presented) The multiple mode oven of Claim 33, wherein the baffle plate comprises a plurality of openings positioned to generally correspond to a center of the fan positioned in the fan compartment.

Appl. No. : 10/824,766
Filed : April 13, 2004

60. (Previously Presented) The multiple mode oven of Claim 33, wherein the baffle plate comprises a plurality of openings positioned in a central portion of the baffle plate.
61. (Previously Presented) The multiple mode oven of Claim 60, wherein the openings generally correspond to the fan positioned in the fan compartment.
62. (Currently Amended) The multiple mode oven of Claim 33, wherein the combustion box comprises at least one secondary air inlet [[holes]] hole positioned between the gas burner and the flue spout.
63. (Previously Presented) The multiple mode oven of Claim 33, wherein the oven cavity comprises at least one oven vent opening.
64. (Previously Presented) The multiple mode oven of Claim 63, wherein the oven vent opening extends through the back wall.
65. (Previously Presented) The multiple mode oven of Claim 63, wherein the oven vent opening extends through an upper portion of the back wall.